NORTH AMERICAN MONSOON TIME SCALE

(Basics of the North American Monsoon Time Scale)

By

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ABSTRACT:

The North American Monsoon exists once a year usually in the middle of summer warm, most air from the Gulf of California blows northeast, while warm, most air from the Gulf of Mexico blows northwest. These two winds meet over the Sierra Madre, Occidental mountains in Central Mexico. The monsoon brings moisture to the mountain ecosystem before continuing north to the united States of Arizona, New Mexico, and Texas.

Starts and ends dates:

The monsoon season being on June 15 and ends on September 30, but the storms peak between mid-July and mid-August on average, about of the Arizona receives about half of its annual rainfall during the monsoon.

Affected Areas:

The monsoon typically affects Arizona, New Mexican , Western Texas, Southern Utah, Colorado and Nevada. North American monsoon season officially begins 15 the stormy weather begins in Mexico, and the bleeds northward, until it crosses into the united states.

KEY WORDS:

North American Monsoon, Indian monsoon Time Scale, Chronological sequence, Main path of the Indian Monsoon Astrogeophysical/Astrometeorological Phenomena.

INTRODUCTION:

The North American Monsoon Time Scale is a Chronological sequence of events arranged in between time and weather with the help of a scale for studying the past, present and future movements of the North American Monsoon and its relationship with rainfall and other weather problems and natural calamities.

PREPARATION OF THE SCALE:

Prepare the North American Monsoon Time Scale having 365 horizontal days from March 21st to next year March 20th (or 1st April to next year March 31st or according to convenience) for a required period comprising of a large time and weather have been taken and framed into a Square graphic scale, or 2, or 4 parts later the parts may be combined with pasting.

DATA REQUIRED FOR THE SCALE:

The main Weather events of the monsoon season if any pertaining to the monsoon season may be taken to formulating the North American Monsoon Time Scale.

PERFORMANCE OF THE SCALE:

Prepare the North American Monsoon Time Scale having 365 horizontal days from March 21st to next year March 20th (or 1st April to Next Year March 31st or according to convince) for a required period comprising of a Large time and weather have been taken and framed into a square graphic Scale . The Scale may be prepared either in a single from, or 2,or 4 parts later the parts should be combined with pasting. The main weather events if any pertaining to the monsoon season of the region have been entering on the scale as per the date and month of the each and every year. If we have been managing the North American Monsoon Time Scale in this manner continuously we can study the past, present and future movements of the North American Monsoon and its relationship with weather problems and Natural calamities of the monsoon.

SAMPLE MODEL SCALE:

For example, I have prepared the monsoon time scale for India by preparing the scale having 365 horizontal days from 1st April to next year March 31st of 128 years from 1888 to 2016 of the required period comprising of large time and weather have been taken and framed into a square graphic scale. The monsoon pulses in the form of low pressure systems over the Indian region have been entering on the scale in stages by 1 for low, 2 for depression, 3 for storm, 4 for severe storm and 5 for severe storm with core of hurricane winds pertaining to the date and month of the each and every year. If we have been managing the scale in this manner continuously, we can study the past' present's and future's of the India Monsoon and its relationship with rainfall and other weather problems & natural calamities in India.

ANALYSIS:

The India Monsoon Time Scale reveals many secrets of the Indian monsoon and its relationship with rainfall & other weather problems and natural calamities. For example, some bands, clusters and paths of low pressure systems along with the main paths of the Indian Monsoon (South-west monsoon and north-east monsoon) clearly seen in the map of the Indian monsoon it have been some cut-edged paths passing through its systematic zigzag cycles in ascending and descending orders which causes heavy rains & floods in some years and droughts & famines in another years according to their travel. . The tracking date of main path & other various paths such as south-west monsoon and north-east monsoon etc., of the Indian Monsoon denotes the onset of the monsoon, monsoon pulses or low pressure systems. And also we can find out many more secrets of the Indian monsoon such as droughts, famines, cyclones, heavy rains, floods, real images of the Indian monsoon, and onset & withdrawals of south west monsoon and north-east monsoon etc. by keen study of the Indian Monsoon Time Scale.

MEASURING OF THE MONSOON:

For example, during 1871-1990's, the main path of the Indian Monsoon was rising over June, July, August and creating heavy rains and floods in most years. During 1900-1920's, it was raising over August, September and resulting good rainfall in more years. During 1965-2004's it was falling over September and causing low rainfall and droughts in many years. At present it is rising upwards over June, July, August, September and will be resulting heavy rains & floods in coming years during 2004-2060. The tracking date of main path & other various paths such as south-west monsoon and north-east monsoon etc., of the Indian Monsoon denotes the onset of the monsoon, monsoon pulses or low pressure systems. And also we can find out many more secrets of the Indian monsoon such as droughts, famines, cyclones, heavy rains, floods, real images of the Indian monsoon, and onset & withdrawals of south west monsoon and north-east monsoon etc. by keen study of the Indian Monsoon Time Scale.

PRINCIPLE:

This is an Astrogeophysical/Astrometeorological phenomenon of effects of astronomical bodies and forces on the earth's geophysical atmosphere. The cause is unknown however the year to year change of movement of axis of the earth inclined at 23½ degrees from vertical to its path around the sun does play a significant role in formation of clusters, bands & paths of the Indian Monsoon and stimulates the Indian weather. The inter-tropical convergence zone at the equator follows the movement of the sun and shifts north of the equator merges with the heat low pressure zone created by the rising heat of the sub-continent due to direct and converging rays of the summer sun on the India Sub-Continent and develops into the monsoon trough and maintain monsoon circulation.

PHYSICAL APPEARANCE:

It is came to known in my researches that the North American Monsoon has a special physical appearance just as the Indian Monsoon.

MEASURES OF THE EUROPEAN MONSOON:

It is came to known in my researches that the North American Monsoon having some peculiar measures just as identified in the Indian Monsoon.

CONCLUSIONS:

The world Scientist hereby requested to continue the further researches on the North American Monsoon Time Scale and find out the mysteries of the North American Monsoon. we can make many more modifications thus bringing many more developments in the North American Monsoon Time Scale.

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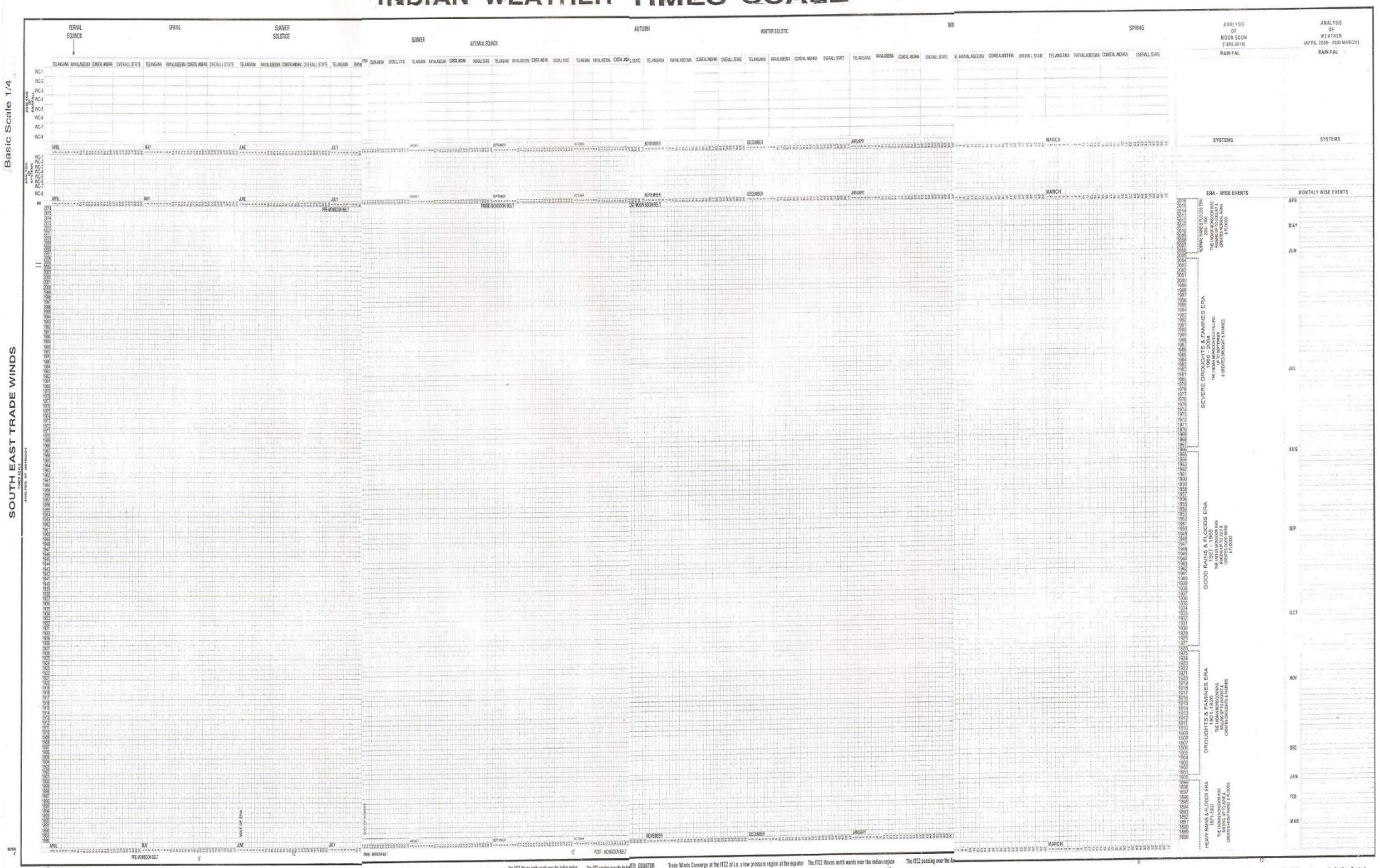
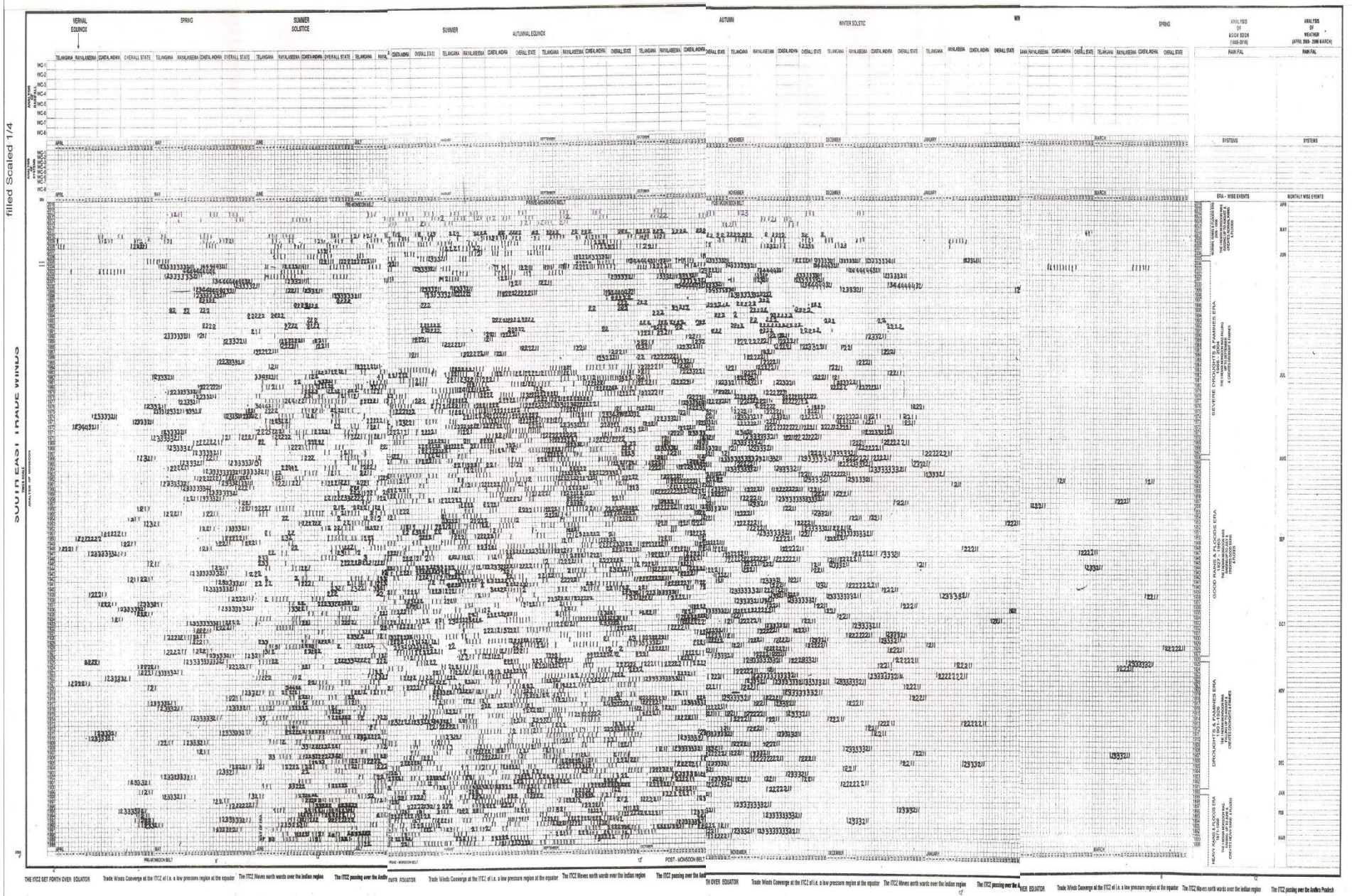
APPENDICES:

INDIAN WEATHER TIMES SCALE




VERNAL EQUINOX
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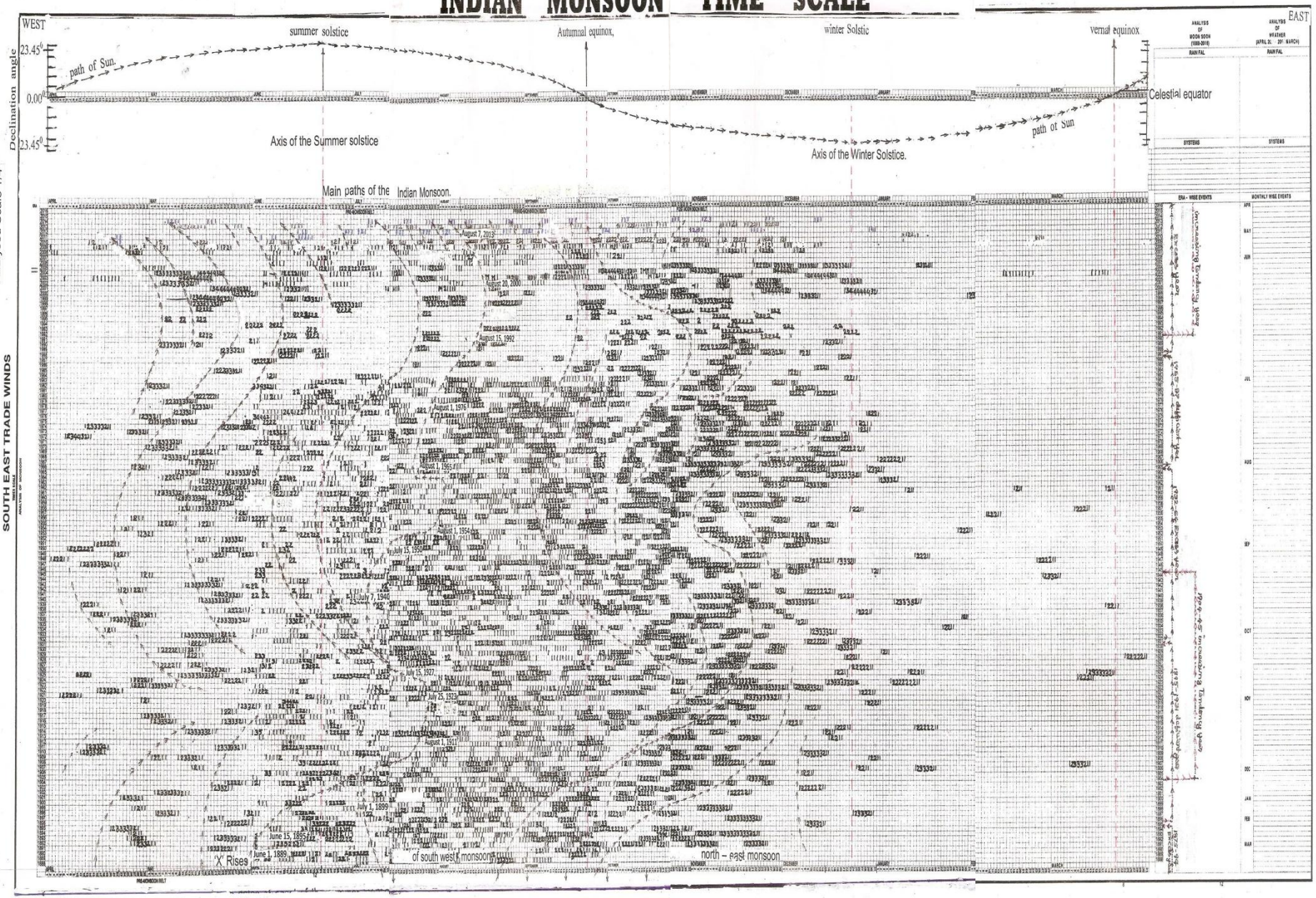
SPRING
ANALYSIS OF MOON SOON (1900-2016)
ANALYSIS OF WEATHER (APRIL 2000- 2200 MARCH)
RAIN FAL
RAIN FAL
SYSTEMS
SYSTEMS
ERA - WISE EVENTS
MONTHLY WISE EVENTS
SOUTH EAST TRADE WINDS
PRE-MONSOON BELT
POST- MONSOON BELT
THE ITCZ SET FORTH OVER EQUATOR
Trade Winds Converge at the ITCZ at i.e. a low pressure region at the equator
The ITCZ Moves north wards over the Indian region
The ITCZ passing over the Andhra Pradesh

INDIAN MONSOON TIME SCALE



Basic Scale 1/4

SOUTH EAST TRADE WINDS

TIMES SCALE

ANALYSIS OF MONSOON

VERNAL EQUINOX

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SUMMER SOLSTICE

ANALYSIS OF RAINFALL

TELANGANA | RAYALASEEMA | COASTAL ANDHRA | OVERALL STATE | TELANGANA | RAYALASEEMA | COASTAL ANDHRA | OVERALL STATE | TELANGANA | RAYALASEEMA | COASTAA ANDHRA | OVERALL STATE | TELANGANA | RAYALA

WC-1
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WC-7
WC-8

ANALYSIS OF SYSTEMS

APRIL | MAY | JUNE | JULY

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WC-2
WC-3
WC-4
WC-5
WC-6
WC-7
WC-8

ERA

APRIL | MAY | JUNE | JULY

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1889
1888

WAY OF ERA

APRIL | MAY | JUNE | JULY

PRE-MONSOON BELT

QUATOR 6"

4"

8"

12"

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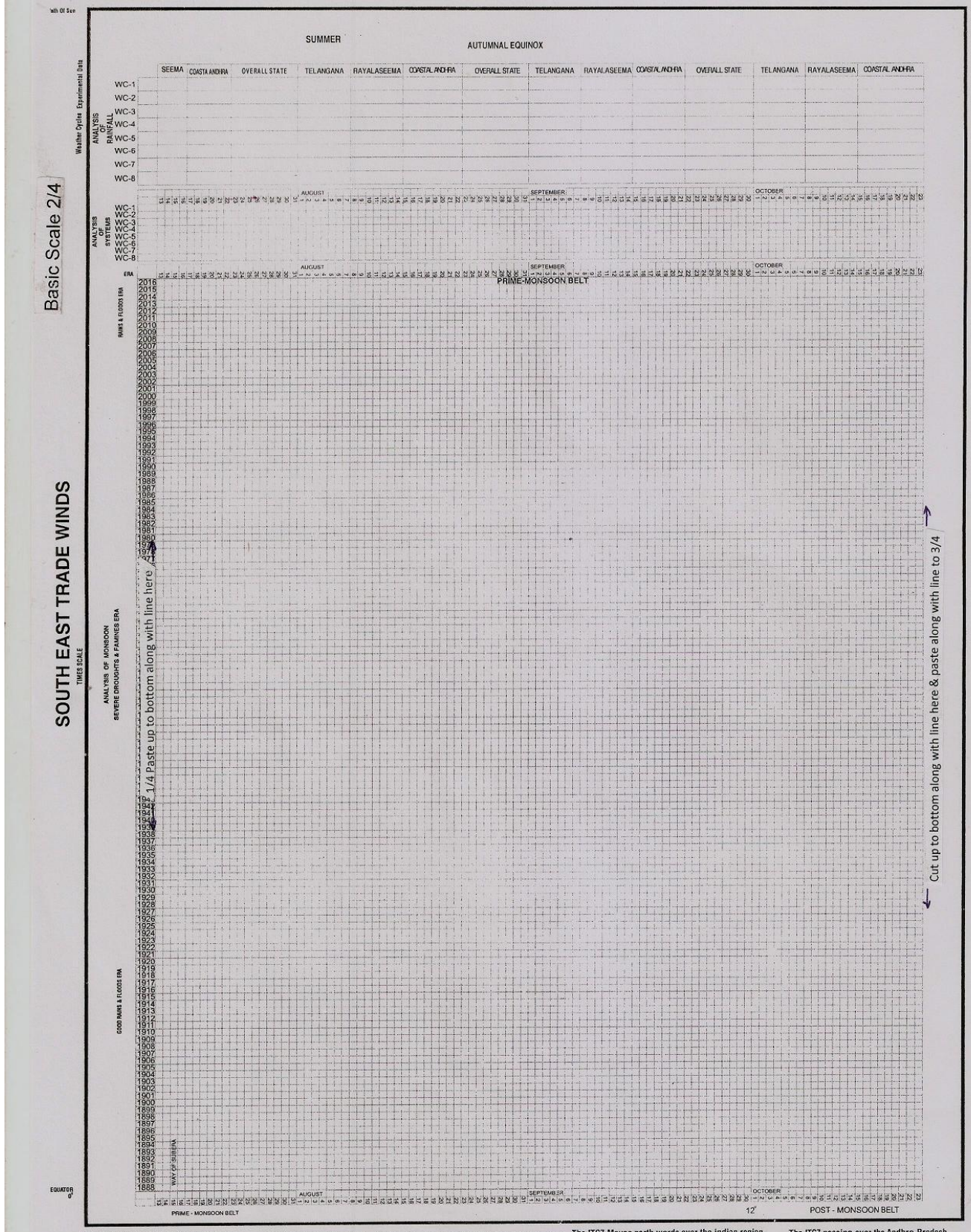
THE ITCZ SET FORTH OVER EQUATOR

Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator

The ITCZ Moves north wards over the indian region

The ITCZ passing over the Andhra Pradesh

INDIAN WEATHER



THE ITCZ SET FORTH OVER EQUATOR

Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator

The ITCZ Moves north wards over the indian region

The ITCZ passing over the Andhra Pradesh

TIMES SCALE

Basic Scale 3/4

AUTUMN | WINTER SOLSTIC | WINTER

OVERALL STATE | TELANGANA | RAYALASEEMA | COASTAL ANDHRA | OVERALL STATE | TELANGANA | RAYALASEEMA | COASTAL ANDHRA | OVERALL STATE | TELANGANA | RAYALASEEMA | COASTAL ANDHRA | OVERALL STATE | TEL

ANALYSIS OF RAINFALL — WC-1 WC-2 WC-3 WC-4 WC-5 WC-6 WC-7 WC-8

NOVEMBER | DECEMBER | JANUARY | FEBRUARY

ANALYSIS OF SYSTEMS — WC-1 WC-2 WC-3 WC-4 WC-5 WC-6 WC-7 WC-8

NOVEMBER | DECEMBER | JANUARY | FEBRUARY

ERA

POST MOON SOON BELT

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1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1899 1898 1897 1896 1895 1894 1893 1892 1891 1890 1889 1888

NOVEMBER | DECEMBER | JANUARY | FEBRUARY

Weather Cycles Experimental Data

alts Of Sun

TIMES SCALE

SEVERE DROUGHTS & FAMINES ERA
ANALYSIS OF MONSOON

MAINS & FLOODS ERA

GOOD RAINS & FLOODS ERA

HEAVY RAINS & FLOODS ERA

EQUATOR

SOUTH EAST TRADE WINDS

2/4 Paste up to bottom along with line here

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THE ITCZ SET FORTH OVER EQUATOR 4°

Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator 8°

The ITCZ Moves north wards over the indian region 12°

The ITCZ passing over the Andhra Pradesh

Basic Scale 4/4

SOUTH EAST TRADE WINDS

Path Of Sun

Weather Cycles Experimental Data

TIMES SCALE

ANALYSIS OF MONSOON

3/4 Paste up to bottom along with line here

EQUATOR

SPRING

ANGANA | RAYALASEEMA | COASTA ANDHRA | OVERALL STATE | TELANGANA | RAYALASEEMA | COASTAL ANDHRA | OVERALL STATE

ANALYSIS OF RAINFALL

WC-1 WC-2 WC-3 WC-4 WC-5 WC-6 WC-7 WC-8

MARCH

ANALYSIS OF SYSTEMS

WC-1 WC-2 WC-3 WC-4 WC-5 WC-6 WC-7 WC-8

MARCH

ANALYSIS OF MOON SOON (1888-2016)

RAIN FAL

SYSTEMS

ANALYSIS OF WEATHER (APRIL 2008- 2009 MARCH)

RAIN FAL

SYSTEMS

ERA - WISE EVENTS

NORMAL RAINS & FLOODS ERA 2006 - 1931

THE INDIAN MONSOON HAS RAISED UP TO OCTOBER CREATES NORMAL RAINS & FLOODS

SEVERE DROUGHTS & FAMINES ERA 1966 - 2004

THE INDIAN MONSOON WAS FALLING UP TO SEPTEMBER & CREATES DROUGHT & FAMINES

GOOD RAINS & FLOODS ERA 1927 - 1965

THE INDIAN MONSOON WAS RAISING UP TO JULY & CREATES GOOD RAINS & FLOODS

DROUGHTS & FAMINES ERA 1901-1926

THE INDIAN MONSOON WAS FALLING UP TO AUGUST & CREATES DROUGHTS & FAMINES

HEAVY RAINS & FLOODS ERA 1871-1900

THE INDIAN MONSOON WAS RAISED UP TO JUNE CREATES HEAVY RAINS & FLOODS

MONTHLY WISE EVENTS

APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR

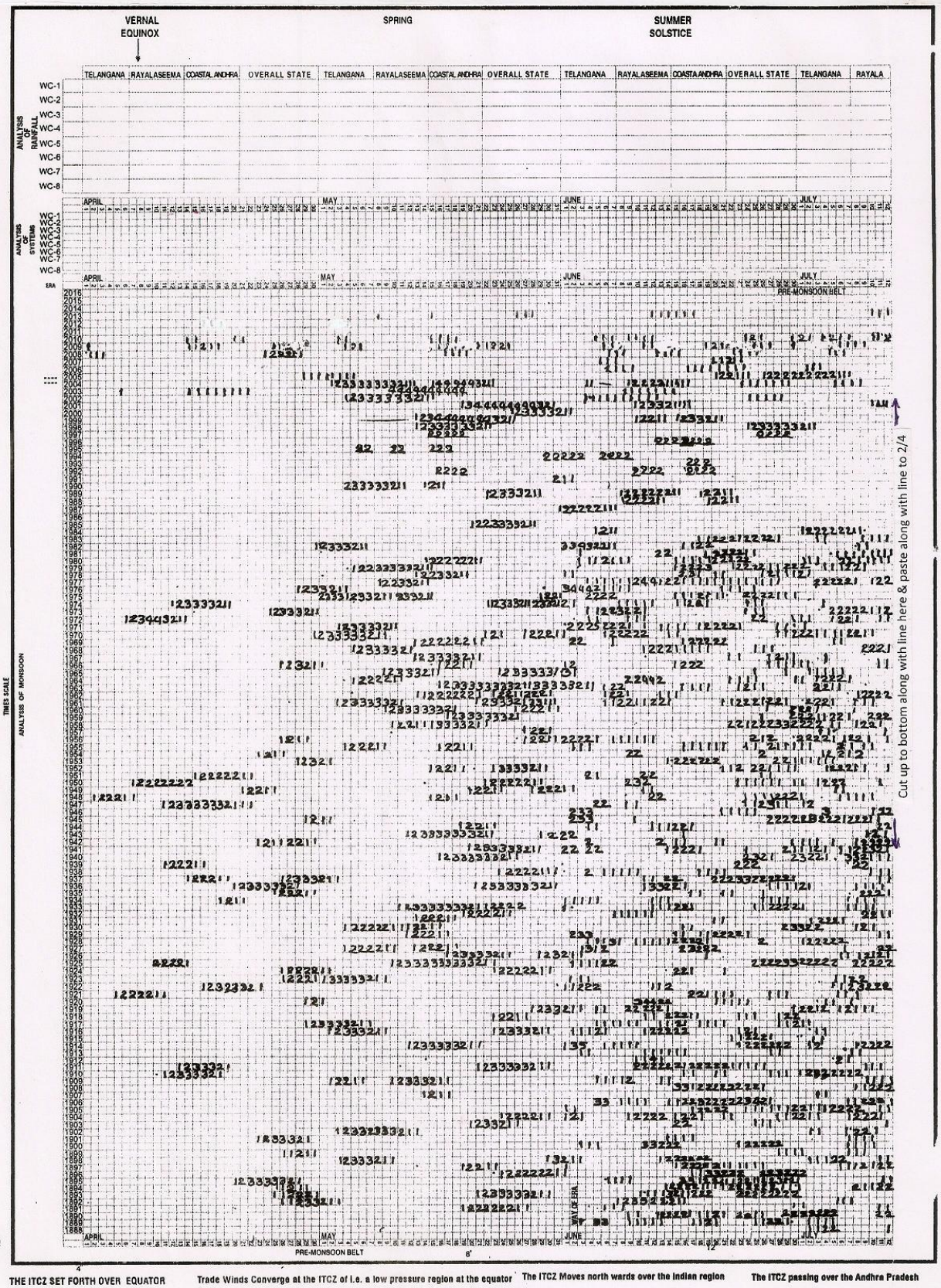
4 8 12

THE ITCZ SET FORTH OVER EQUATOR

Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator

The ITCZ Moves north wards over the indian region

The ITCZ passing over the Andhra Pradesh



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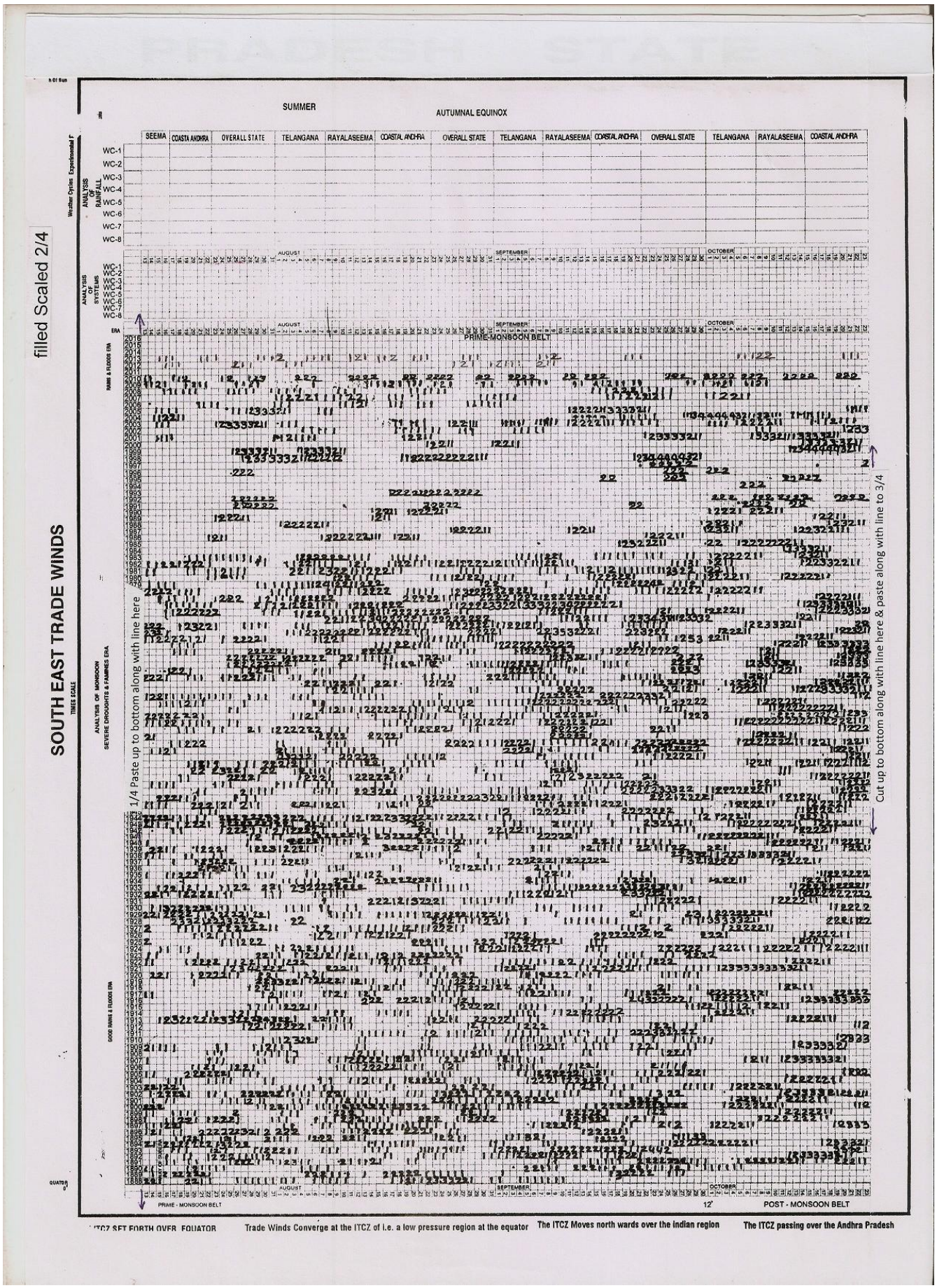
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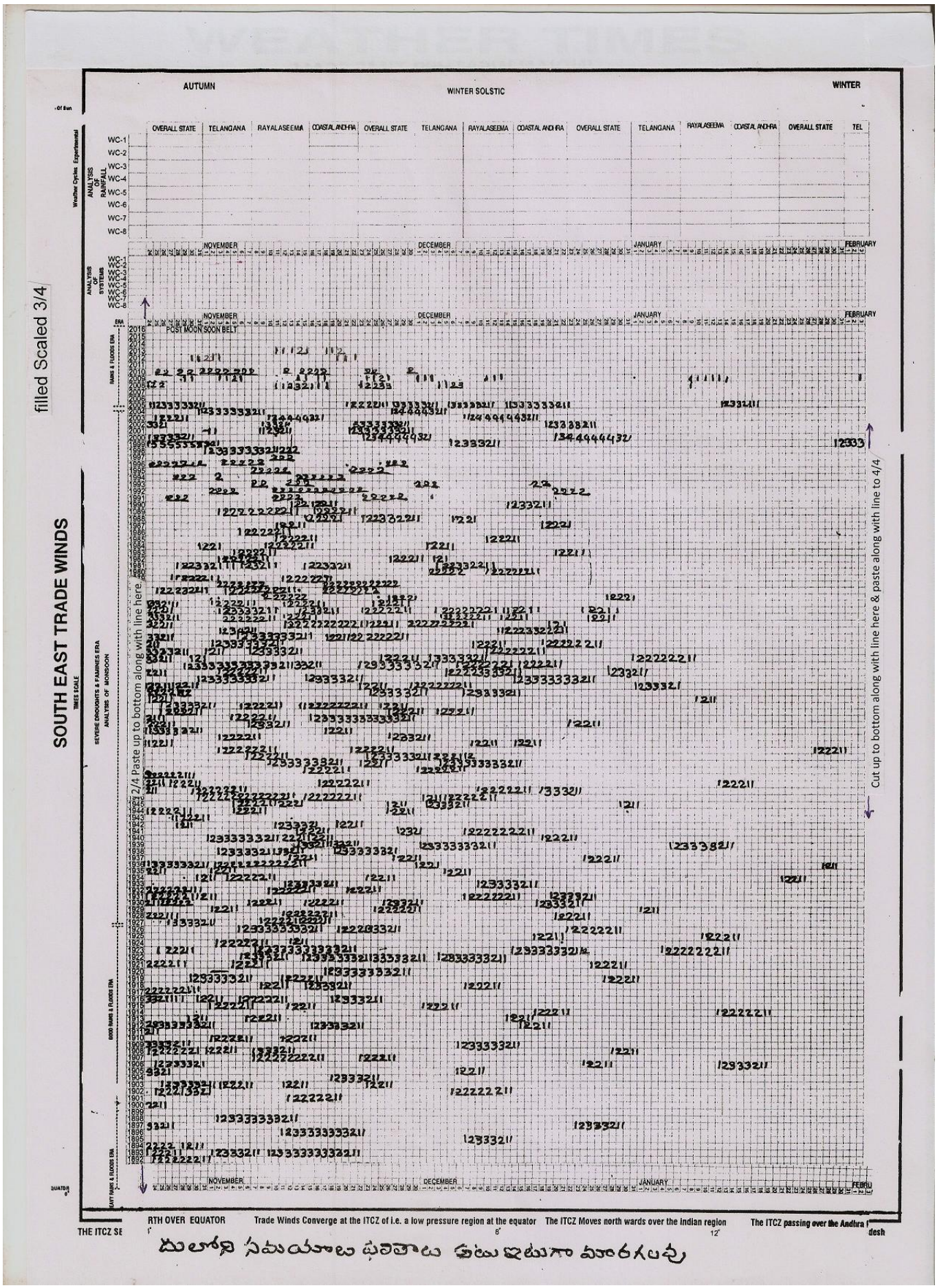
SOUTH EAST TRADE WINDS
SUMMER
AUTUMNAL EQUINOX
SEEMA
COASTA ANDHRA
OVERALL STATE
TELANGANA
RAYALASEEMA
COASTAL ANDHRA
WC-1
WC-2
WC-3
WC-4
WC-5
WC-6
WC-7
WC-8
AUGUST
SEPTEMBER
OCTOBER
PRIME-MONSOON BELT
1/4 Paste up to bottom along with line here
Cut up to bottom along with line here & paste along with line to 3/4
PRIME - MONSOON BELT
POST - MONSOON BELT
Trade Winds Converge at the ITCZ i.e. a low pressure region at the equator
The ITCZ Moves north wards over the Indian region
The ITCZ passing over the Andhra Pradesh



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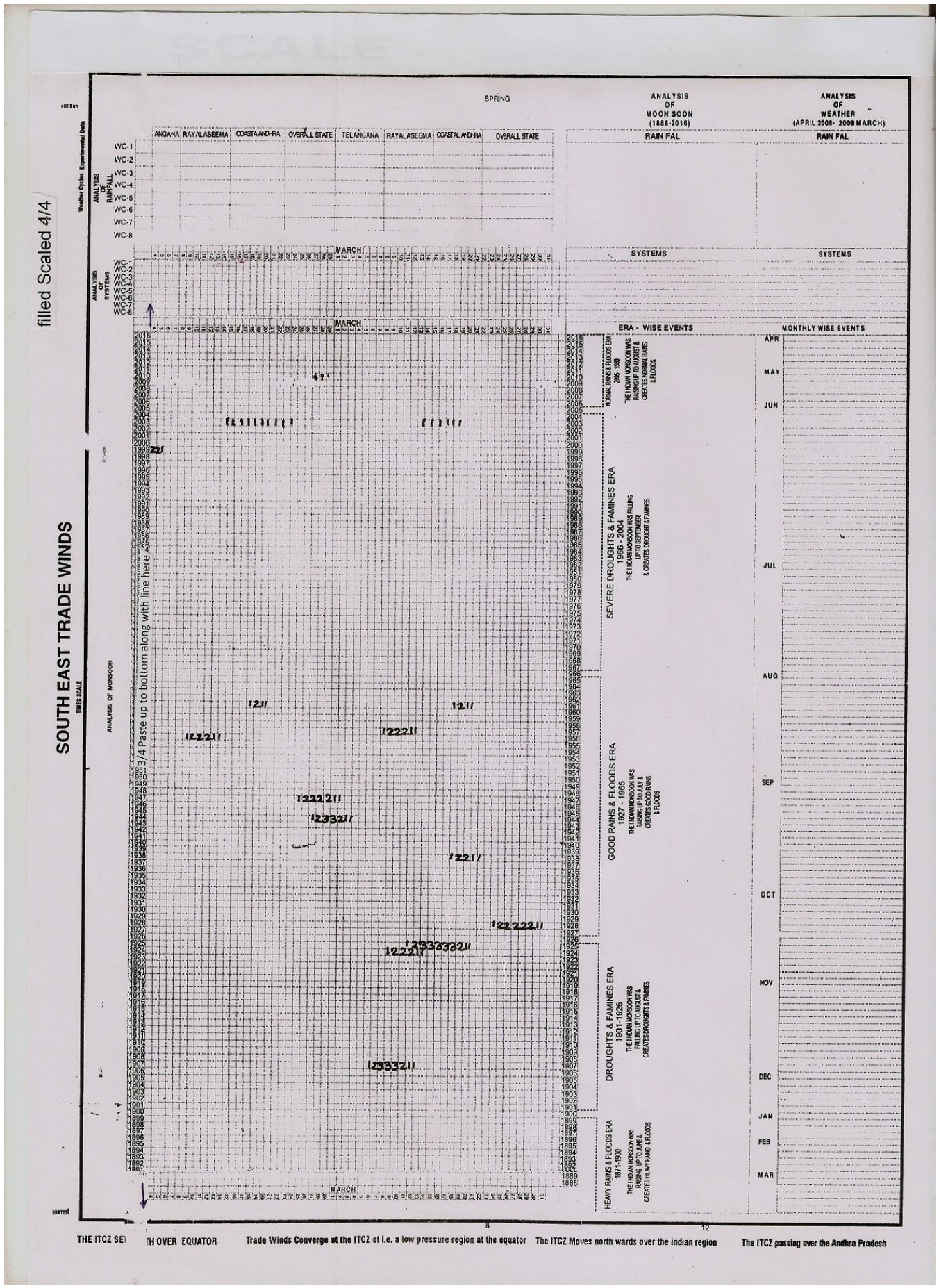
filled Scaled 4/4
SOUTH EAST TRADE WINDS
TIMES SCALE
ANALYSIS OF MONSOON
Weather Cycles Experimental Data
ANALYSIS OF RAIN FALL
ANALYSIS OF SYSTEMS
SPRING
ANGANA
RAYALASEEMA
COASTA ANDHRA
OVERALL STATE
TELANGANA
RAYALASEEMA
COASTAL ANDHRA
OVERALL STATE
WC-1
WC-2
WC-3
WC-4
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WC-6
WC-7
WC-8
MARCH
ANALYSIS OF MOON SOON (1888-2016)
RAIN FAL
SYSTEMS
ERA - WISE EVENTS
MONTHLY WISE EVENTS
NORMAL RAINS & FLOODS ERA 1985 - 1930
THE INDIAN MONSOON WAS FALLING UP TO JULY & CREATES NORMAL RAINS & FLOODS
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THE INDIAN MONSOON WAS RAISING UP TO JULY & CREATES GOOD RAINS & FLOODS
DROUGHTS & FAMINES ERA 1901-1926
THE INDIAN MONSOON WAS FALLING UP TO AUGUST & CREATES DROUGHTS & FAMINES
HEAVY RAINS & FLOODS ERA 1871-1900
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RAIN FAL
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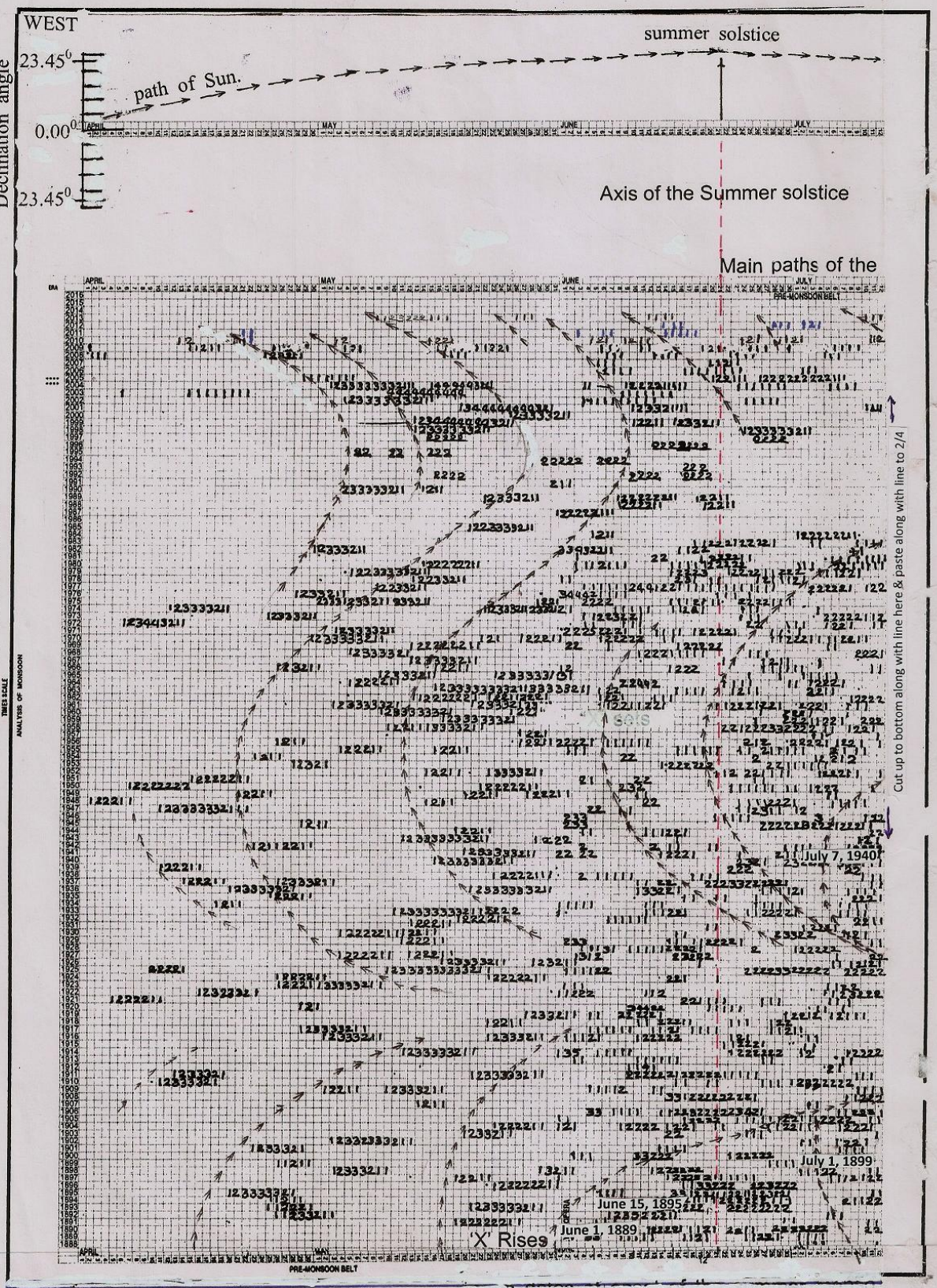
THE ITCZ SET
H OVER EQUATOR
Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator
The ITCZ Moves north wards over the indian region
The ITCZ passing over the Andhra Pradesh


WEST
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path of Sun.
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23.45⁰
Declination angle
Axis of the Summer solstice
Main paths of the
Analysed Scale 1/4
SOUTH EAST TRADE WINDS
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July 1, 1899
June 15, 1895
June 1, 1889
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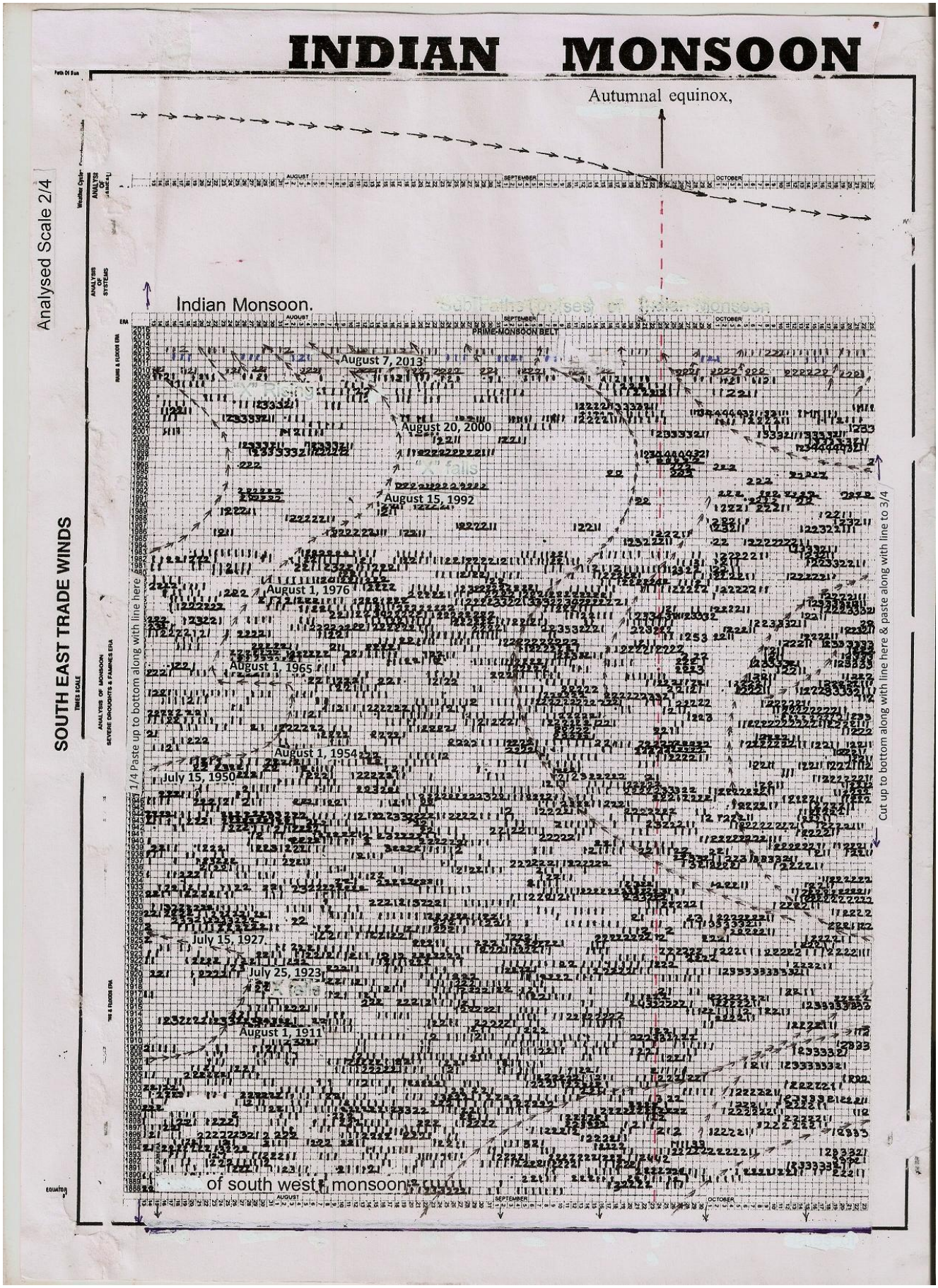
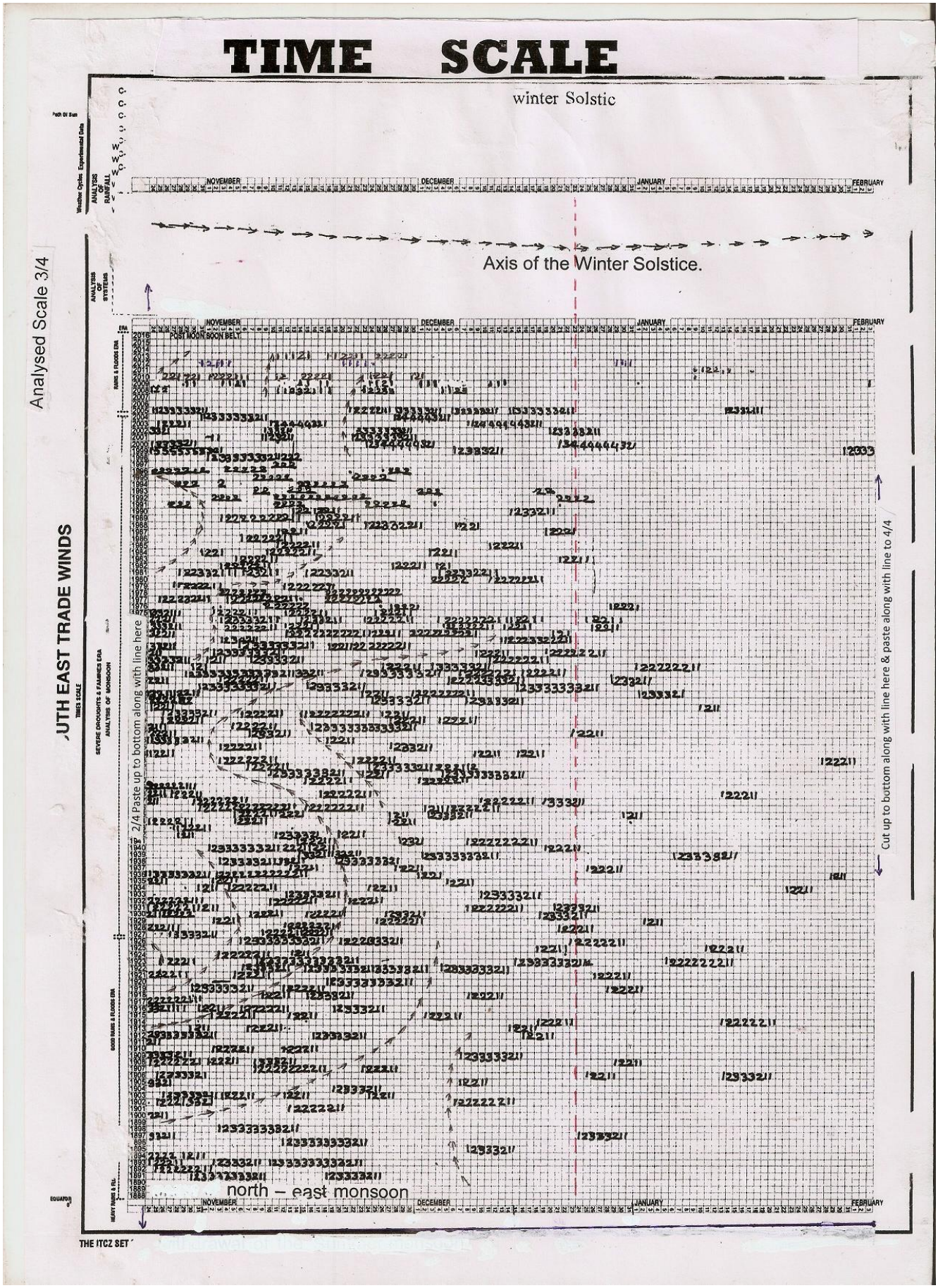
INDIAN MONSOON



TIME SCALE


winter Solstic
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JANUARY
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Analysed Scale 3/4
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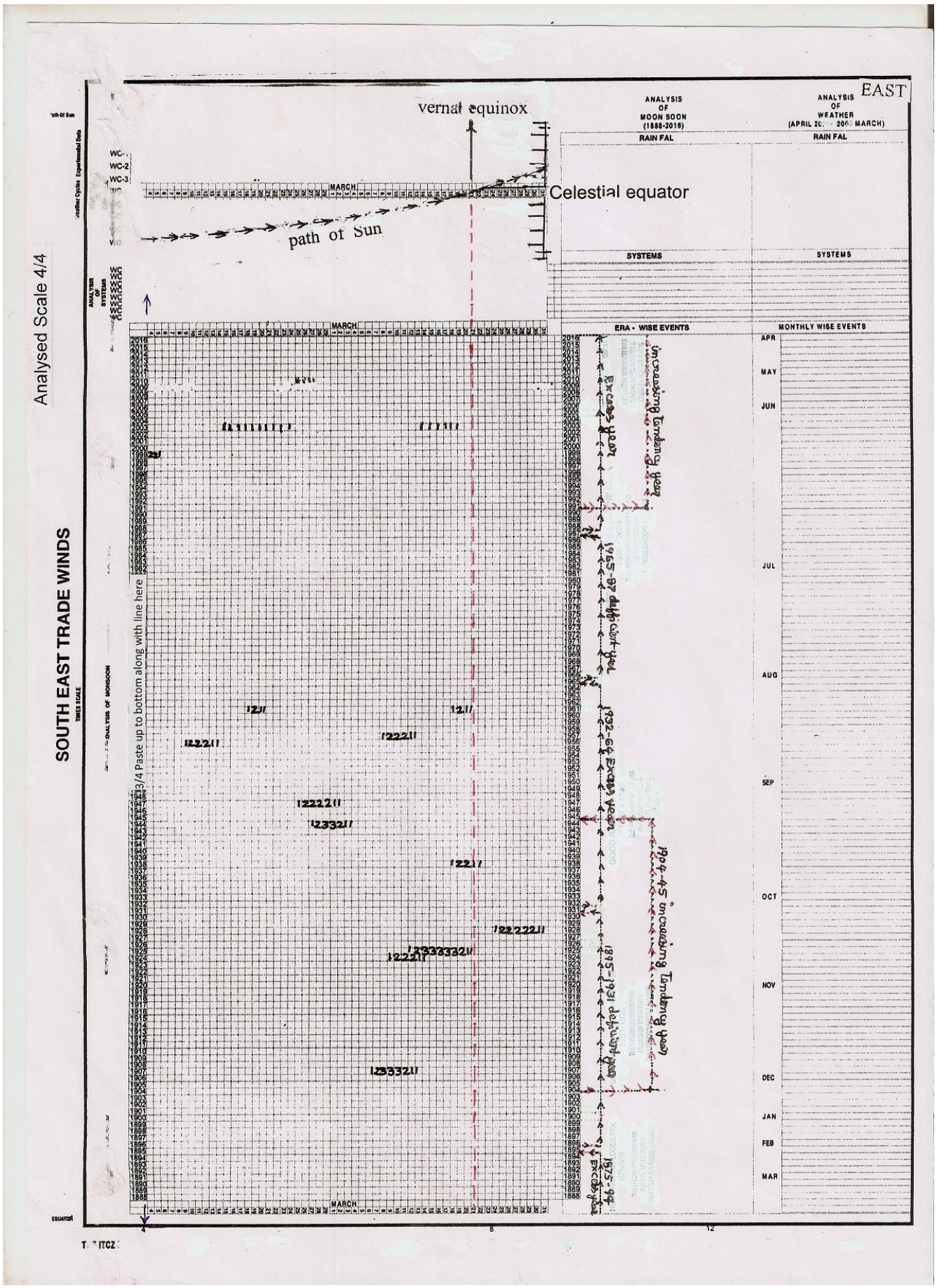
Cut up to bottom along with line here & paste along with line to 4/4
SOUTH EAST TRADE WINDS
THE ITCZ SET


EAST
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ANALYSIS OF MOON SOON (1888-2016)
ANALYSIS OF WEATHER (APRIL 20[illegible] - 20[illegible] MARCH)
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RAIN FAL
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SYSTEMS
ERA - WISE EVENTS
MONTHLY WISE EVENTS
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Analysed Scale 4/4
SOUTH EAST TRADE WINDS
ANALYSIS OF MONSOON
TIMES SCALE
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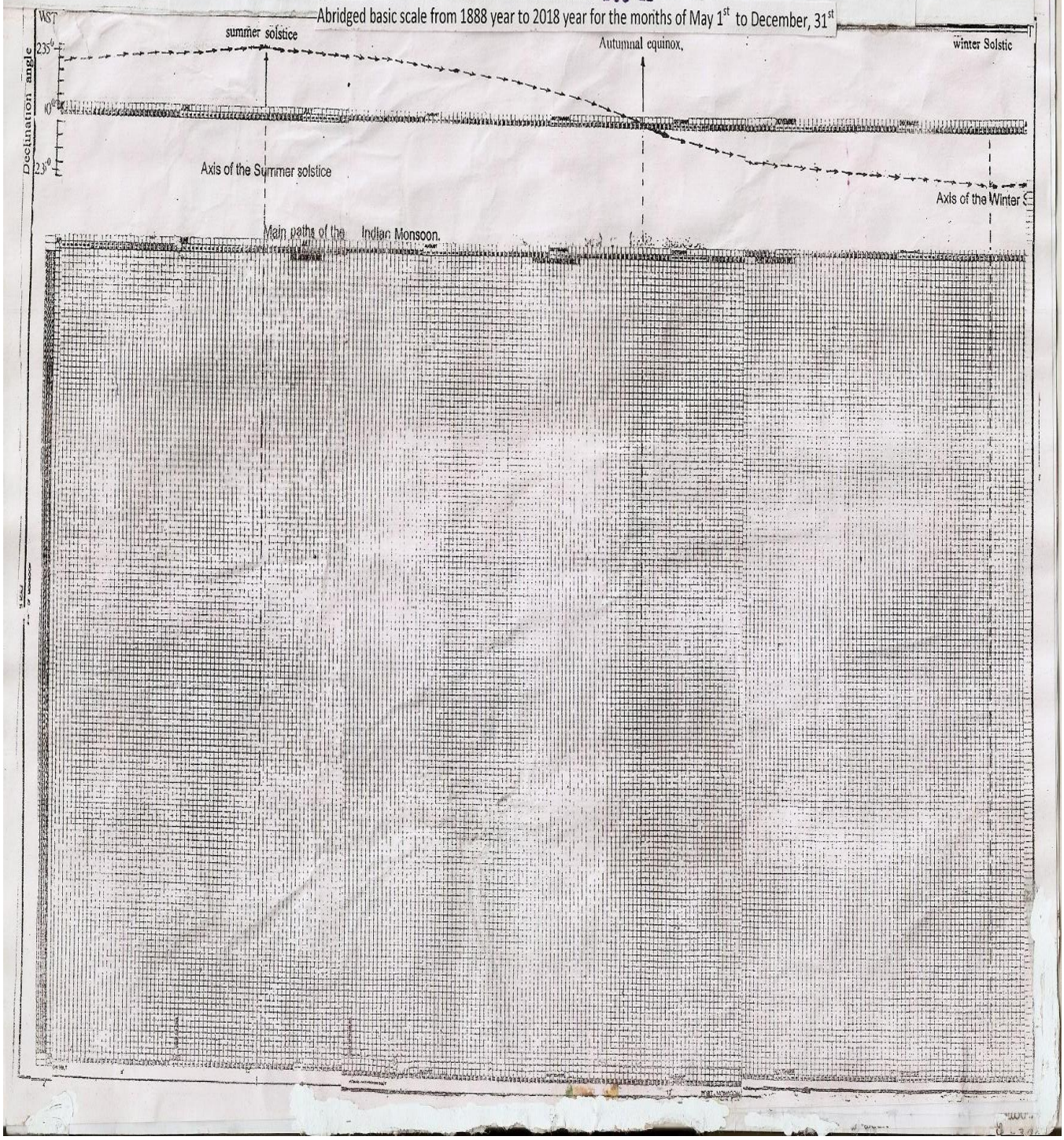
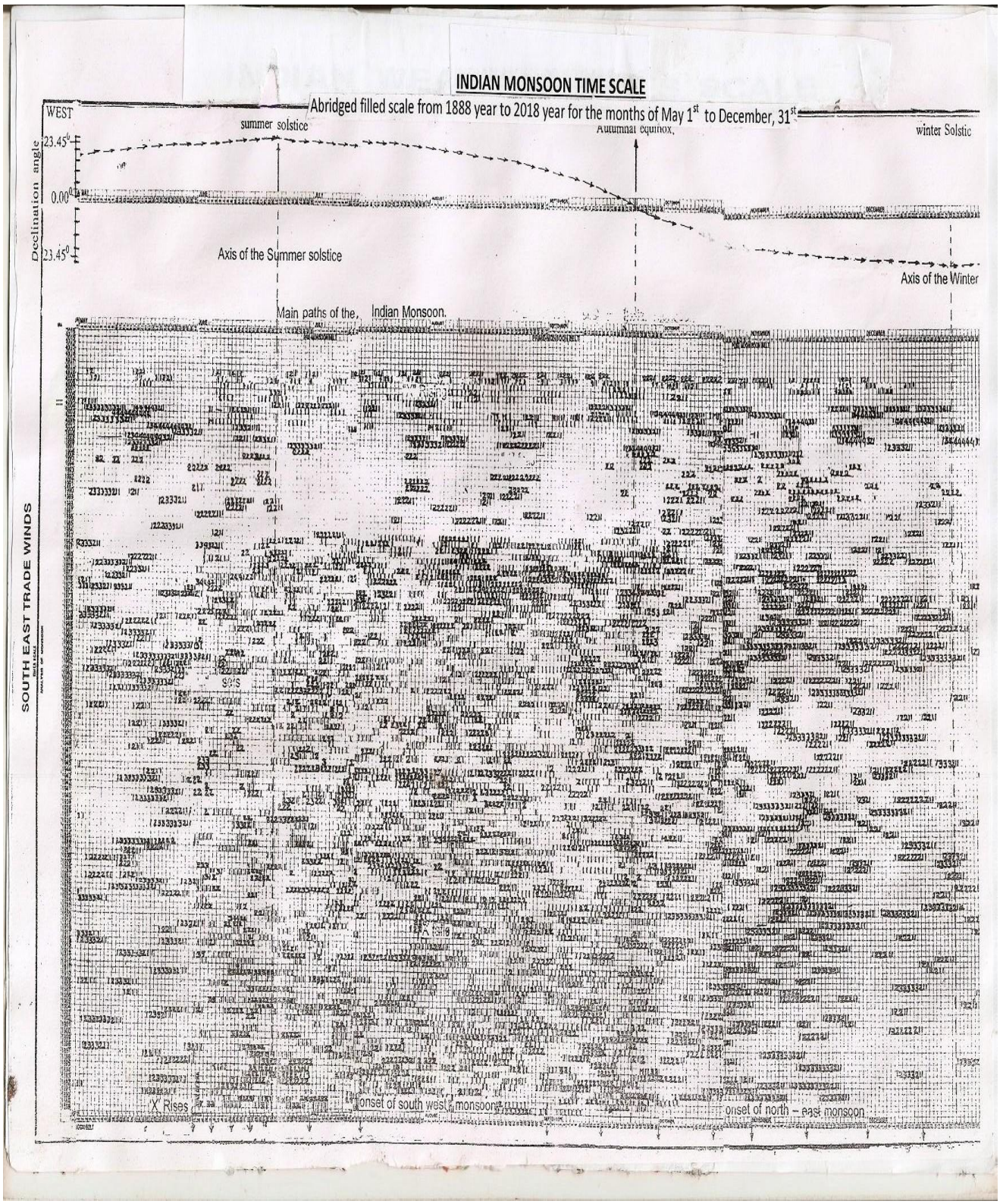
INDIAN MONSOON TIME SCALE

Abridged basic scale from 1888 year to 2018 year for the months of May 1st to December, 31st



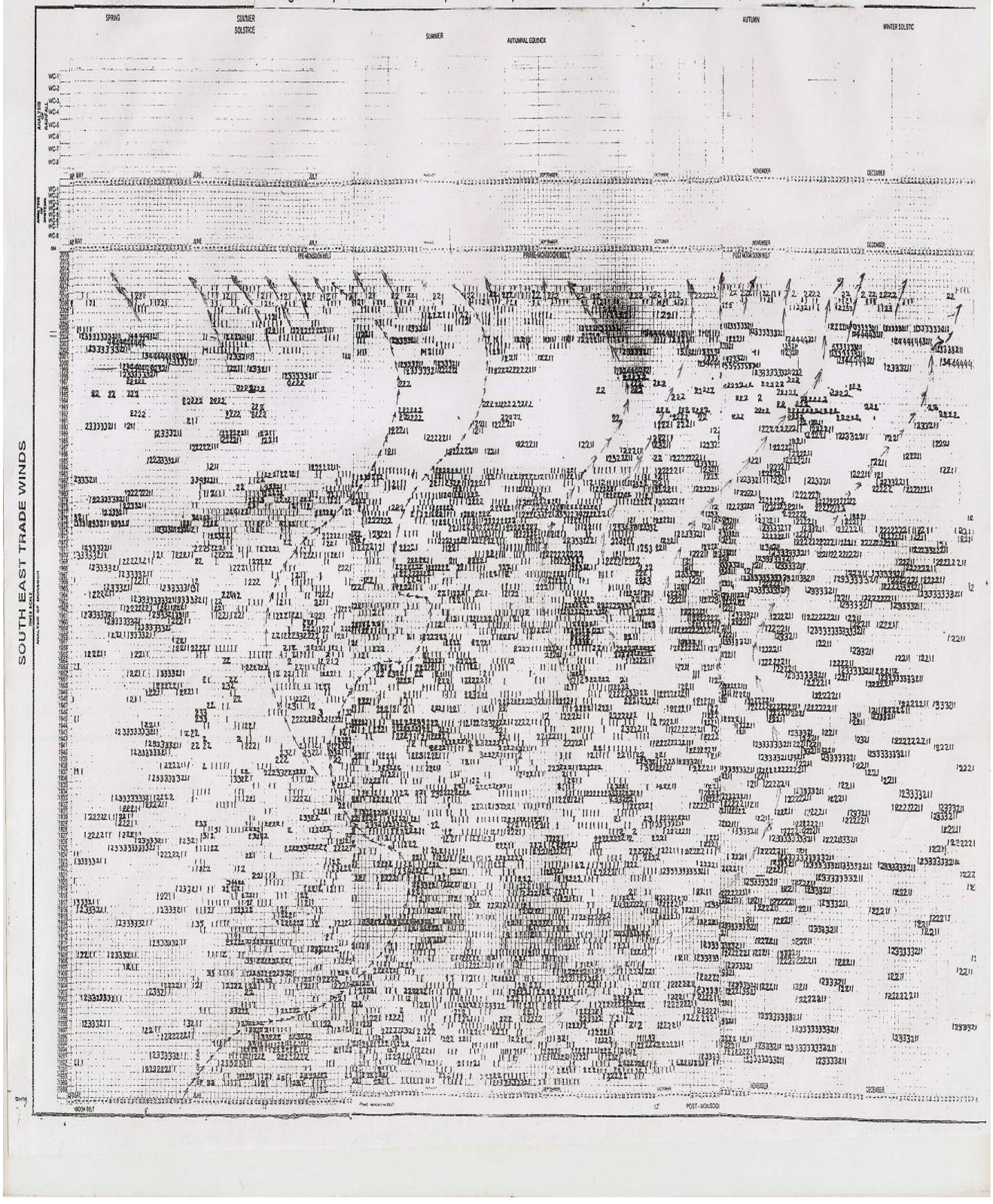
INDIAN MONSOON TIME SCALE

Abridged filled scale from 1888 year to 2018 year for the months of May 1st to December, 31st



INDIAN MONSOON TIME SCALE

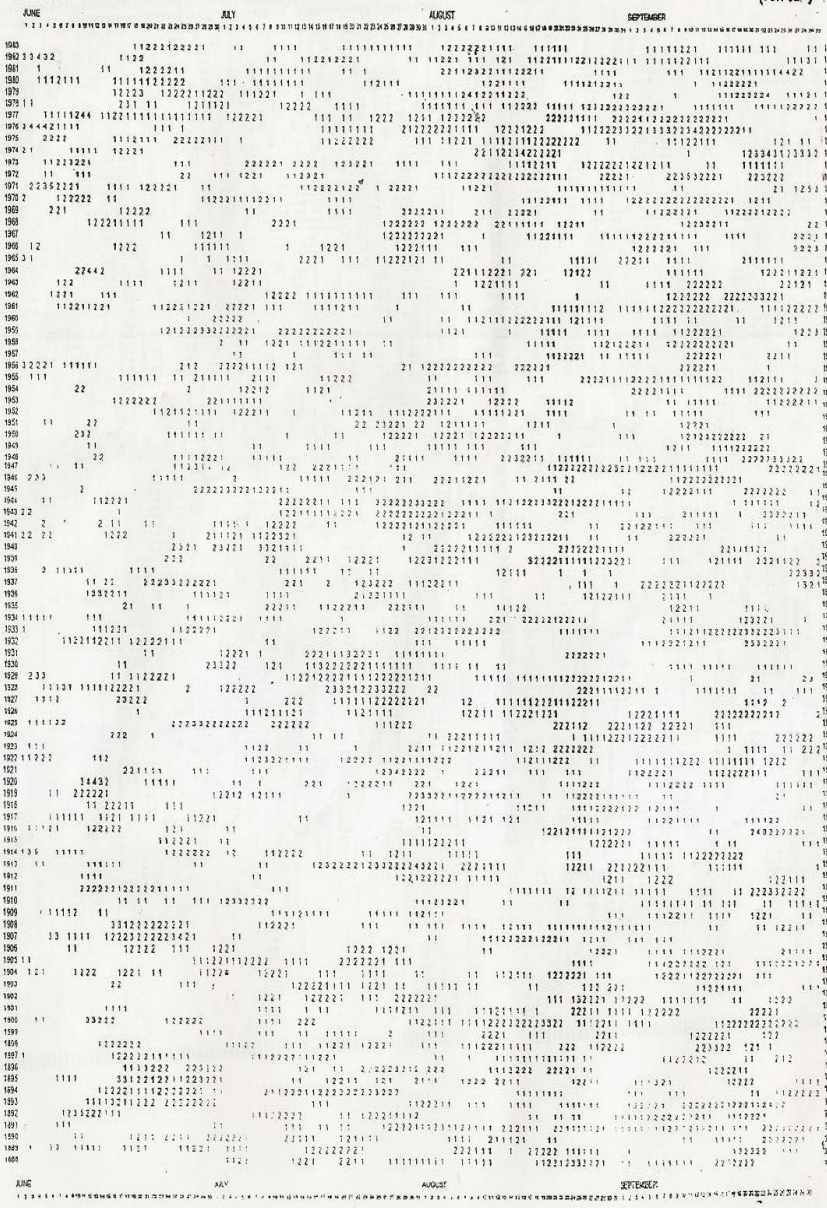
Abridged analysed scale from 1888 year to 2018 year for the months of May 1st to December, 31st



MAP OF THE INDIAN MONSOON

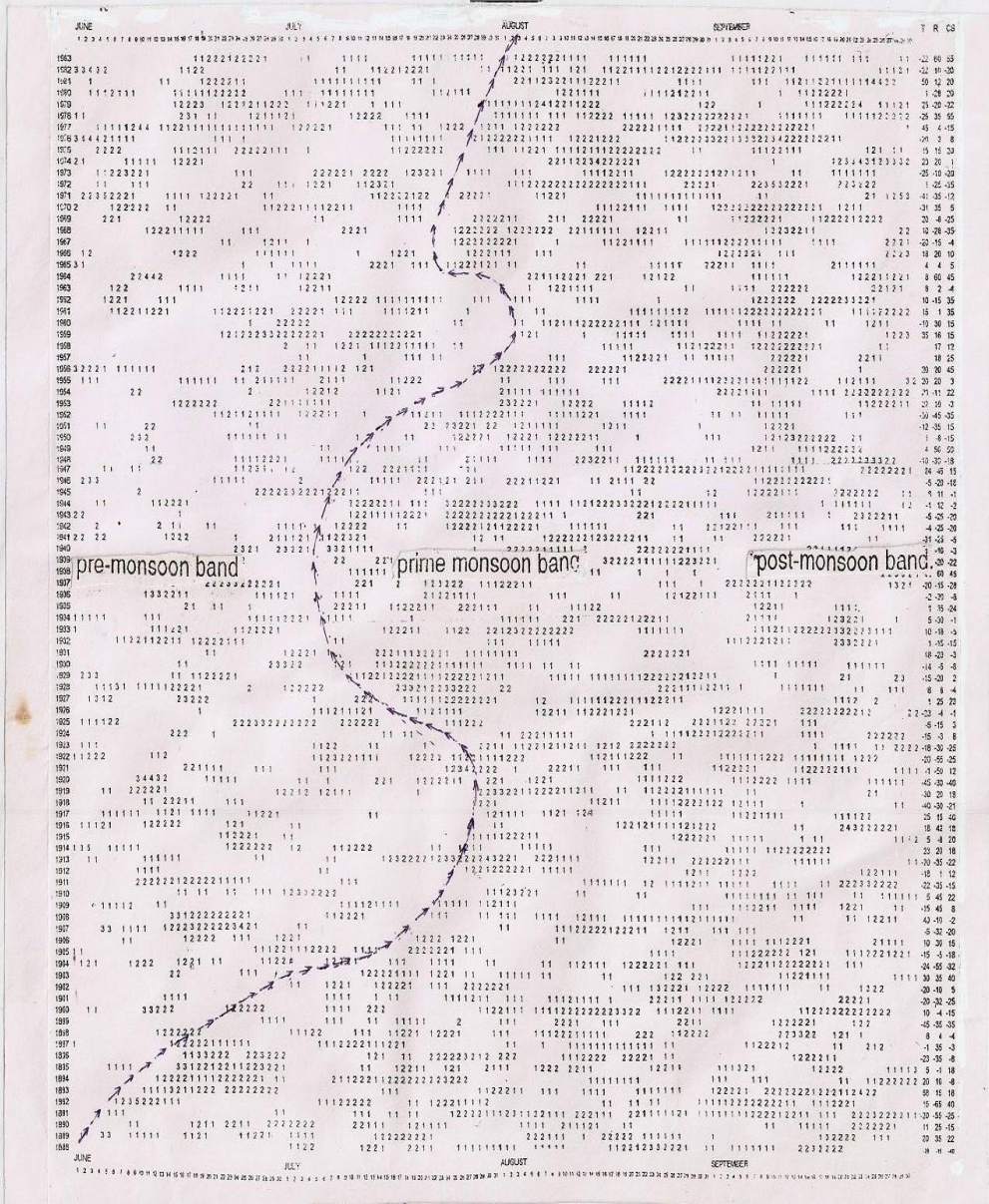
ANALYSIS OF Years (1888-1983)

ANALYSIS OF Month's (JUN:SEP)



Computerised basic scale from 1888 year to 1983 year for the months of 1st June to September, 31st.

ANALYSIS



path of the systamatic cycle of the Indian Monsoon.

Computerised analysed scale from 1888 year to 1983 year for the months of 1st June to September, 31st.